

<b>International Paper Corporation</b>	)	<b>Departmental</b>
<b>Androscoggin County</b>	)	<b>Findings of Fact and Order</b>
<b>Auburn, Maine</b>	)	<b>Air Emission License</b>
<b>A-461-71-F-M</b>	)	

After review of the air emissions license amendment application, staff investigation reports and other documents in the applicant's file in the Bureau of Air Quality, pursuant to 38 M.R.S.A., Section 344 and Section 590, the Department finds the following facts:

## **I. REGISTRATION**

### **A. Introduction**

1. International Paper Corporation (IP) of Auburn, Maine was issued Air Emission License A-461-71-D-T/R on February 29, 2000, permitting the operation of emission sources associated with their corrugated container manufacturing facility.
2. IP has requested a minor revision to their license in order to add a bulk starch silo.

### **B. Emission Equipment**

IP is authorized to operate the following equipment, in addition to the equipment included in license A-461-71-D-T/R:

#### **Process Equipment**

<u><b>Equipment</b></u>	<u><b>Production Rate</b></u>	<u><b>Pollution Control Equipment</b></u>
Starch Silo	7000 lb/day	baghouse

### **C. Application Classification**

The modification of a minor source is considered a major modification based on whether or not expected emission increases exceed the "Significant Emission Levels" as given in Maine's Air Regulations. This modification is determined to be a minor modification and has been processed as such.

## **II. BEST PRACTICAL TREATMENT (BPT)**

### **A. Introduction**

In order to receive a license the applicant must control emissions from each unit to a level considered by the Department to represent Best Practical Treatment (BPT), as defined in Chapter 100 of the Air Regulations. Separate control requirement categories exist for new and existing equipment as well as for those sources located in designated non-attainment areas.

BPT for new sources and modifications requires a demonstration that emissions are receiving Best Available Control Technology (BACT), as defined in Chapter 100 of the Air Regulations. BACT is a top-down approach to selecting air emission controls considering economic, environmental and energy impacts.

### **B. Starch Silo**

The starch silo has a 12 foot diameter, is 67 feet high, and has a holding capacity of 230,000 pounds and is controlled by a baghouse.

A summary of the BACT analysis for particulate matter is presented below:

1. Visible emissions from the baghouse shall be limited to 5% opacity, based on a six-minute block average basis.

## **III. AMBIENT AIR QUALITY ANALYSIS**

According to the Maine Regulations Chapter 115, the level of air quality analyses required for a renewal source shall be determined on a case-by case basis. Based on the total facility emissions, IP is below the emissions level required for modeling and monitoring.

## **ORDER**

The Department hereby grants Air Emission License Minor Revision A-461-71-F-M, subject to the conditions found in Air Emission License A-461-71-D-T/R, in addition to the following conditions:

### **The following are new conditions:**

- (30) Visible emissions from the starch silo baghouse shall be limited to 5% opacity on a six-minute block average basis.
- (31) IP shall maintain a log detailing silo and baghouse maintenance.

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**Findings of Fact and Order**  
**Air Emission License**

(32) This amendment shall expire concurrently with Air Emission License A-461-71-D-T/R.

DONE AND DATED IN AUGUSTA, MAINE THIS            DAY OF            2000.

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BY: \_\_\_\_\_  
MARTHA G. KIRKPATRICK, COMMISSIONER

PLEASE NOTE ATTACHED SHEET FOR GUIDANCE ON APPEAL PROCEDURES

Date of initial receipt of application: September 12, 2000

Date of application acceptance: September 13, 2000

Date filed with the Board of Environmental Protection: \_\_\_\_\_

This Order prepared by Elisha McVay, Bureau of Air Quality.